

FIG. 1A

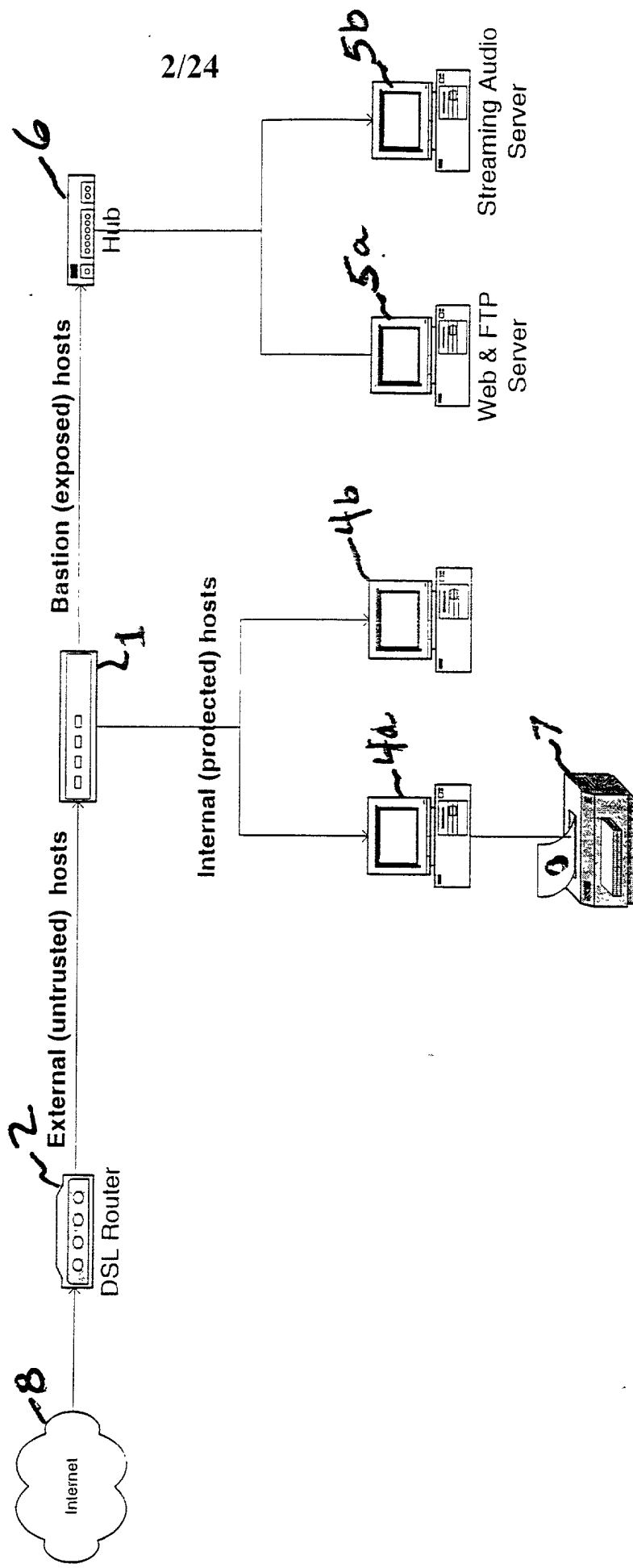


FIG. 1B

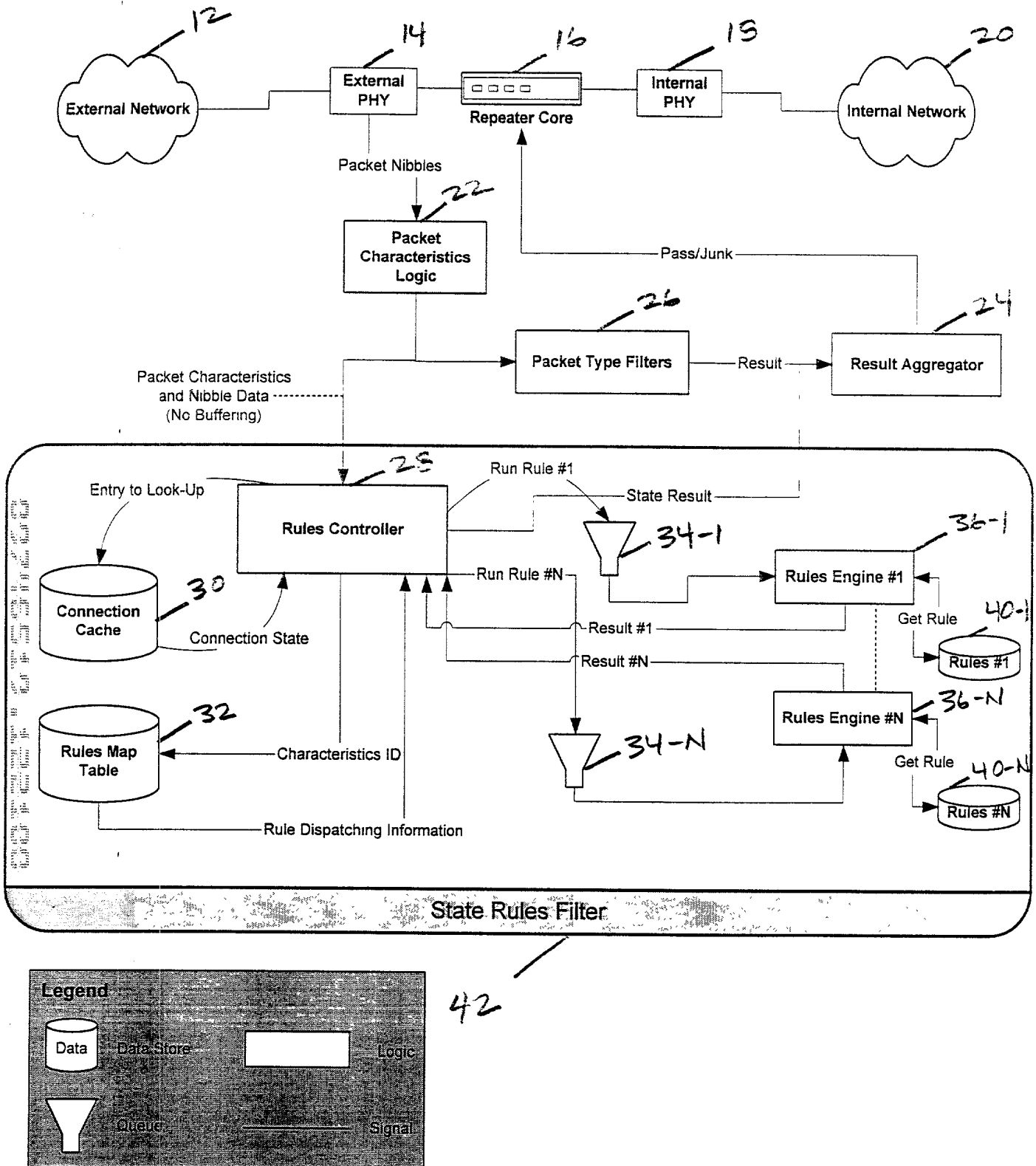


FIG. 2

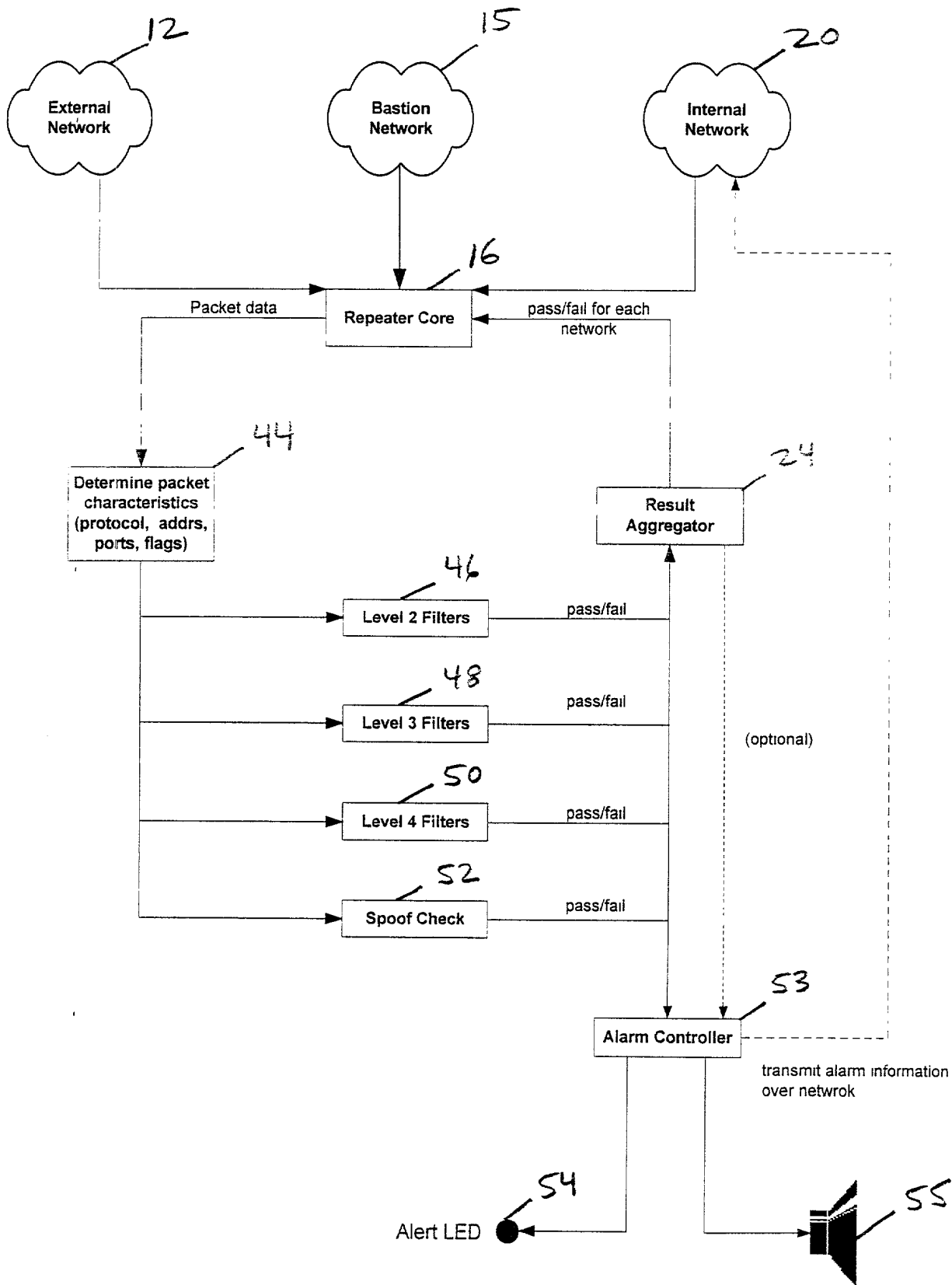


FIG. 3

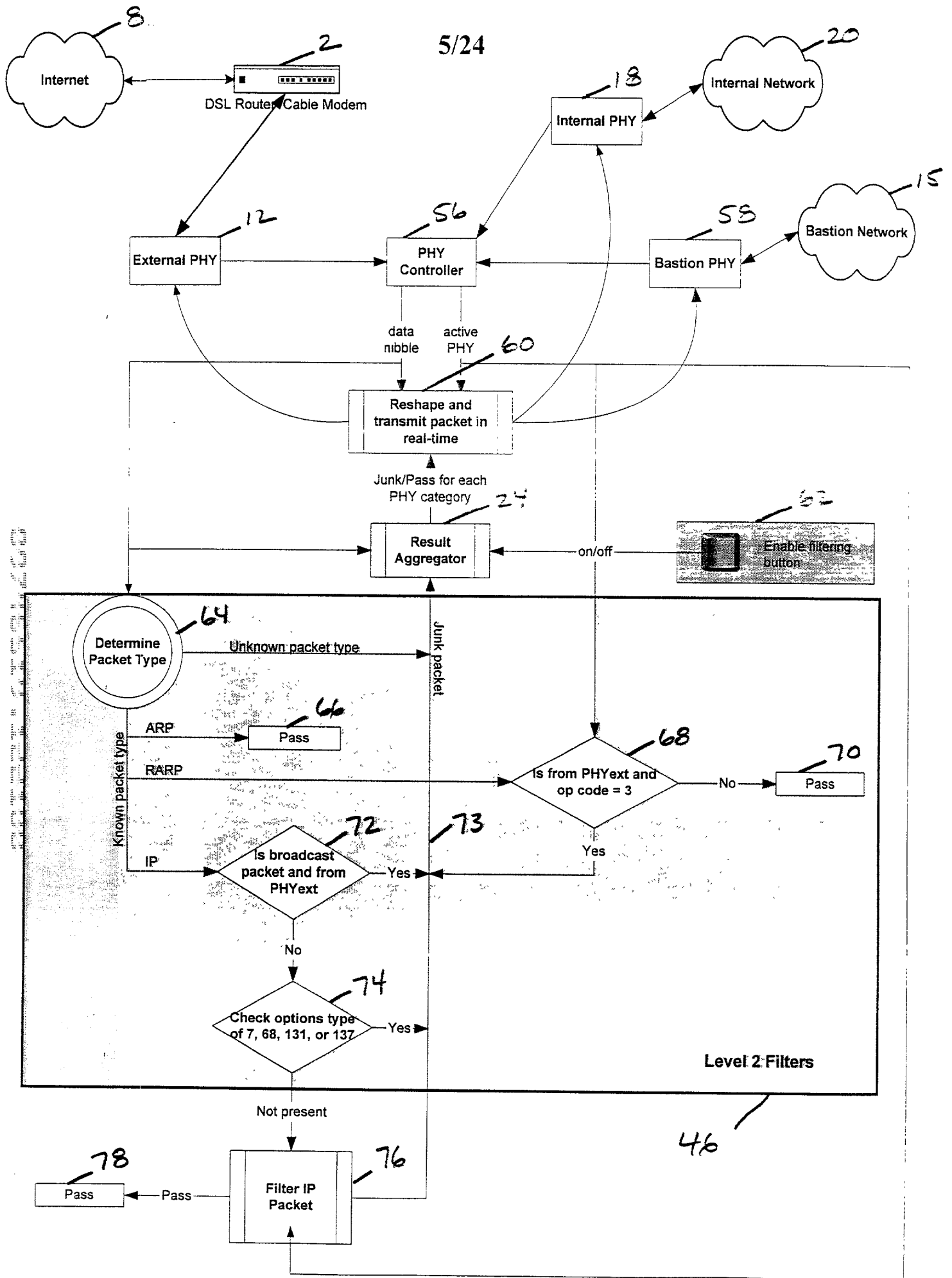


FIG. 4

Level 3 Filters

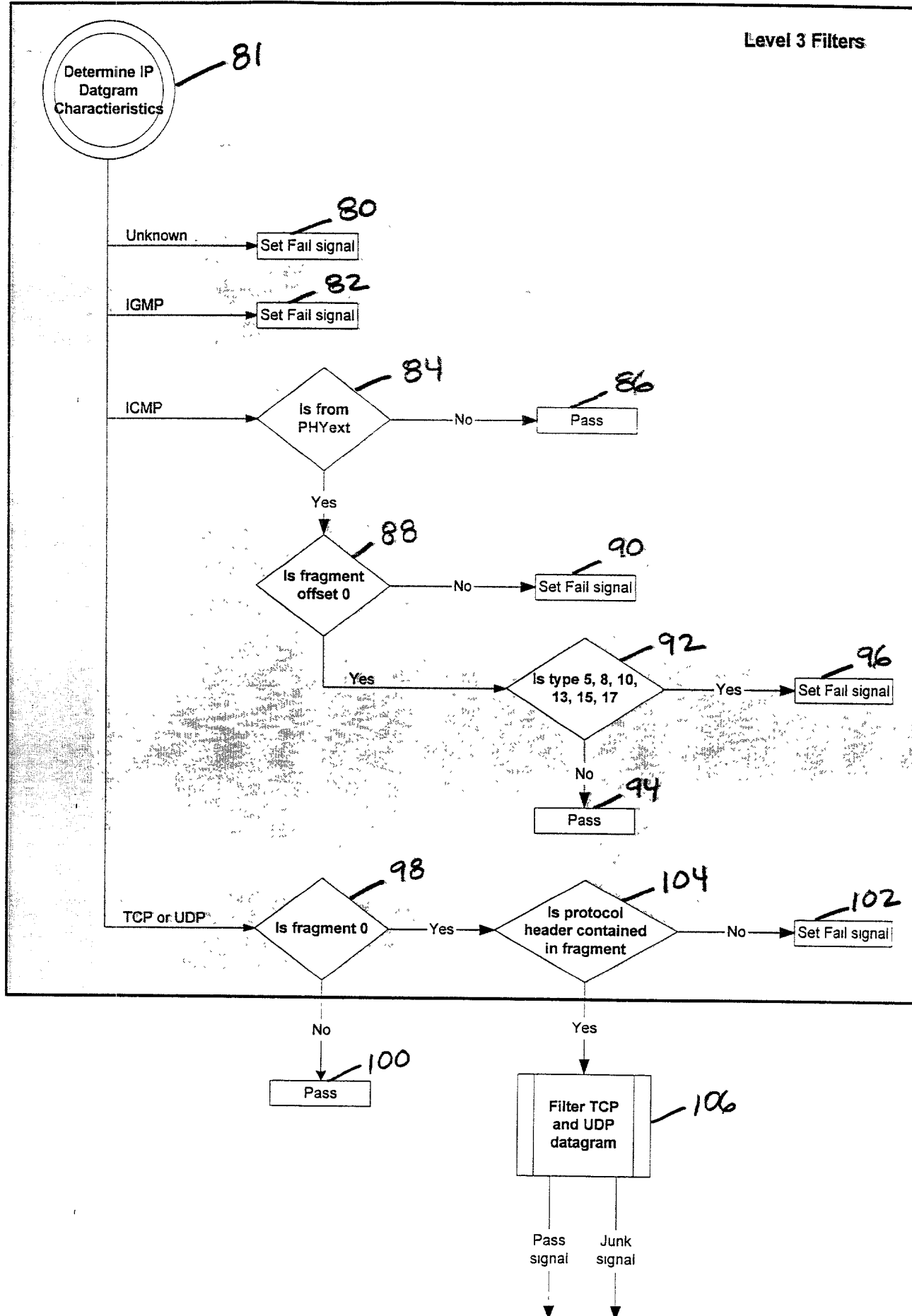


FIG. 5

TCP and UDP packets are evaluated for pass or fail in parallel (other protocols also handled simultaneously)

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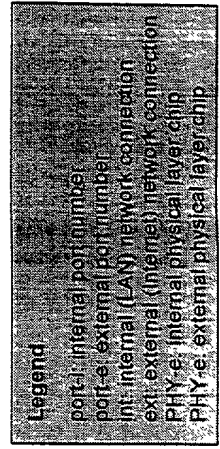
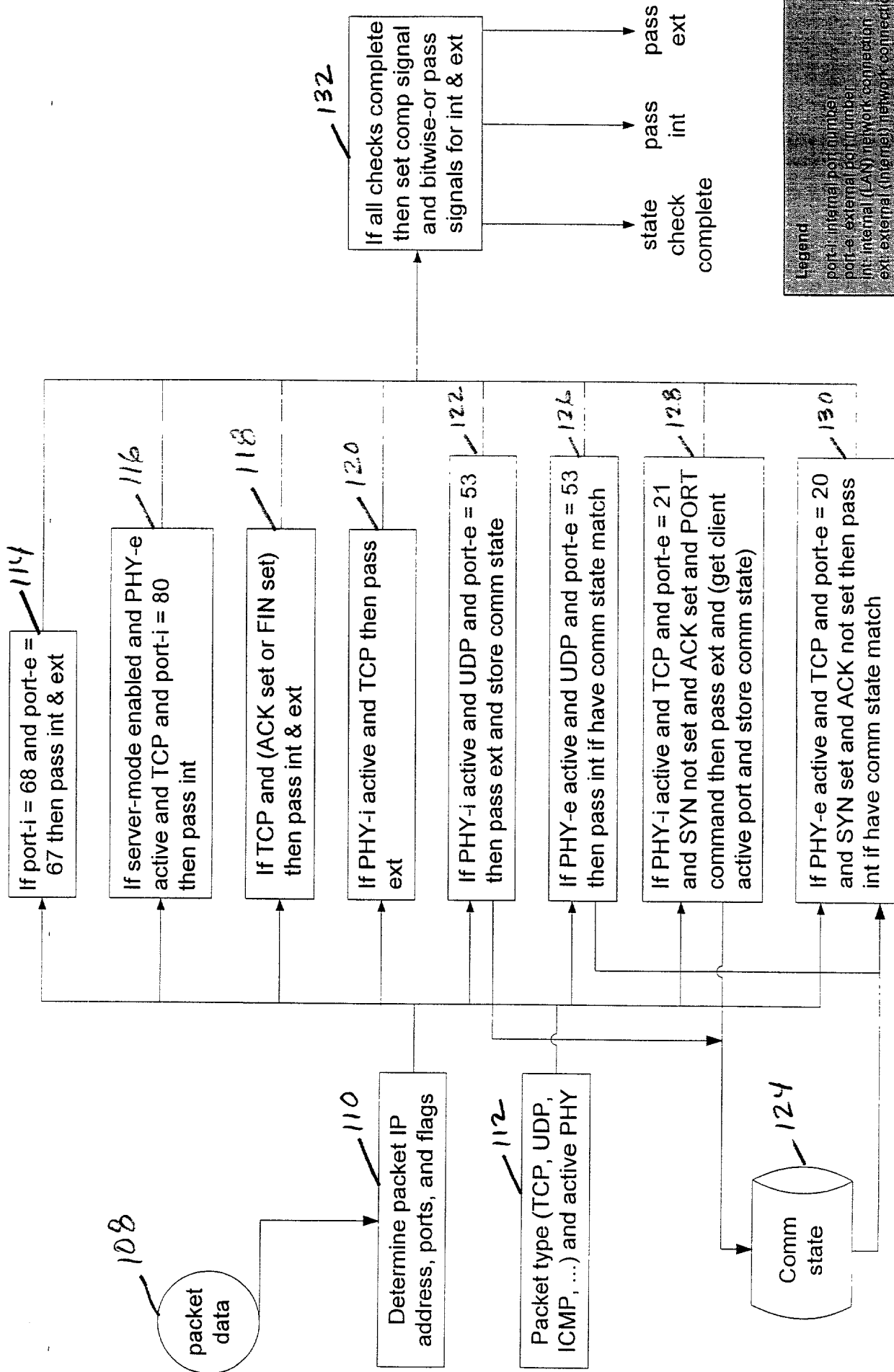


FIG. 6

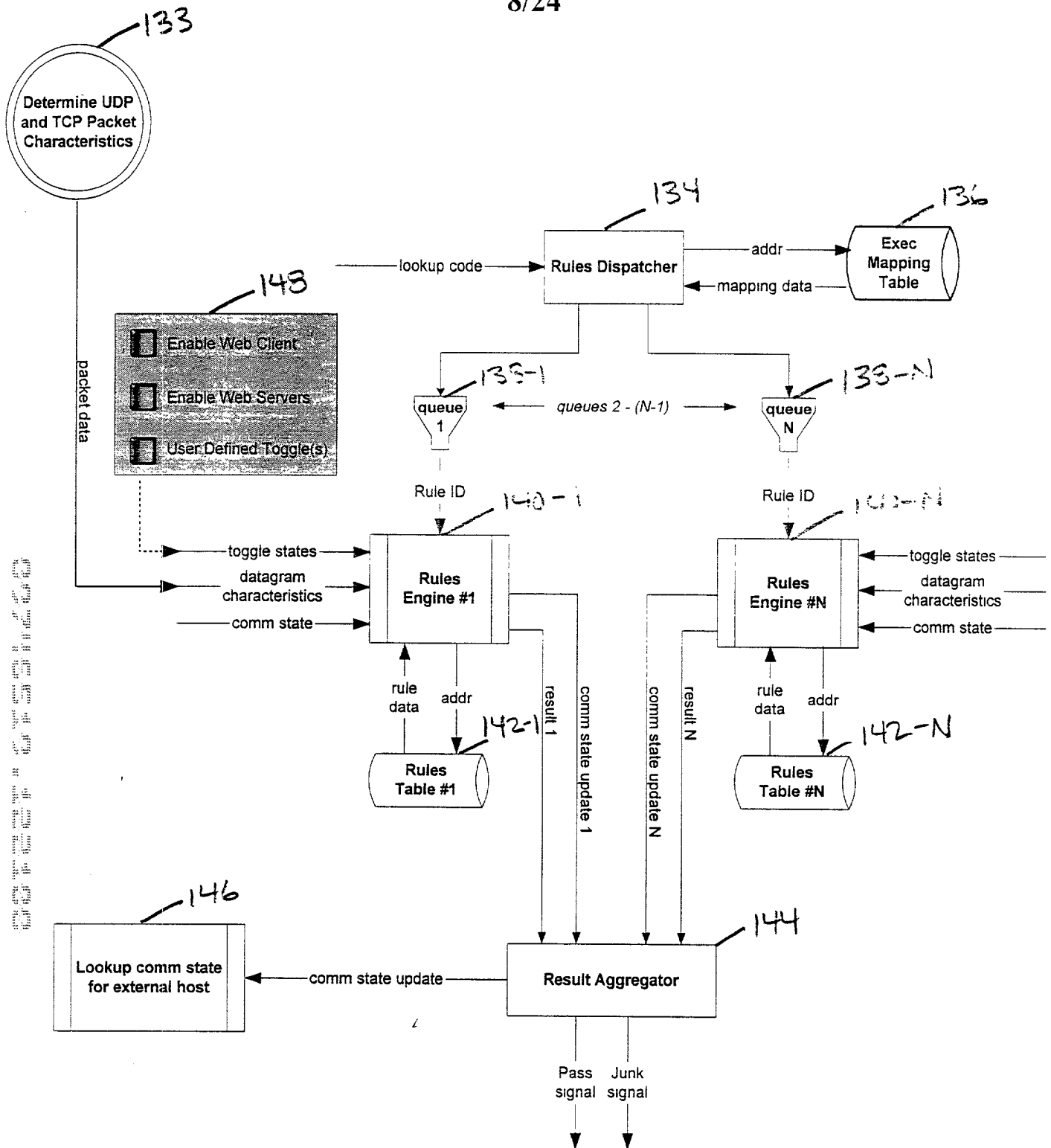


FIG. 7

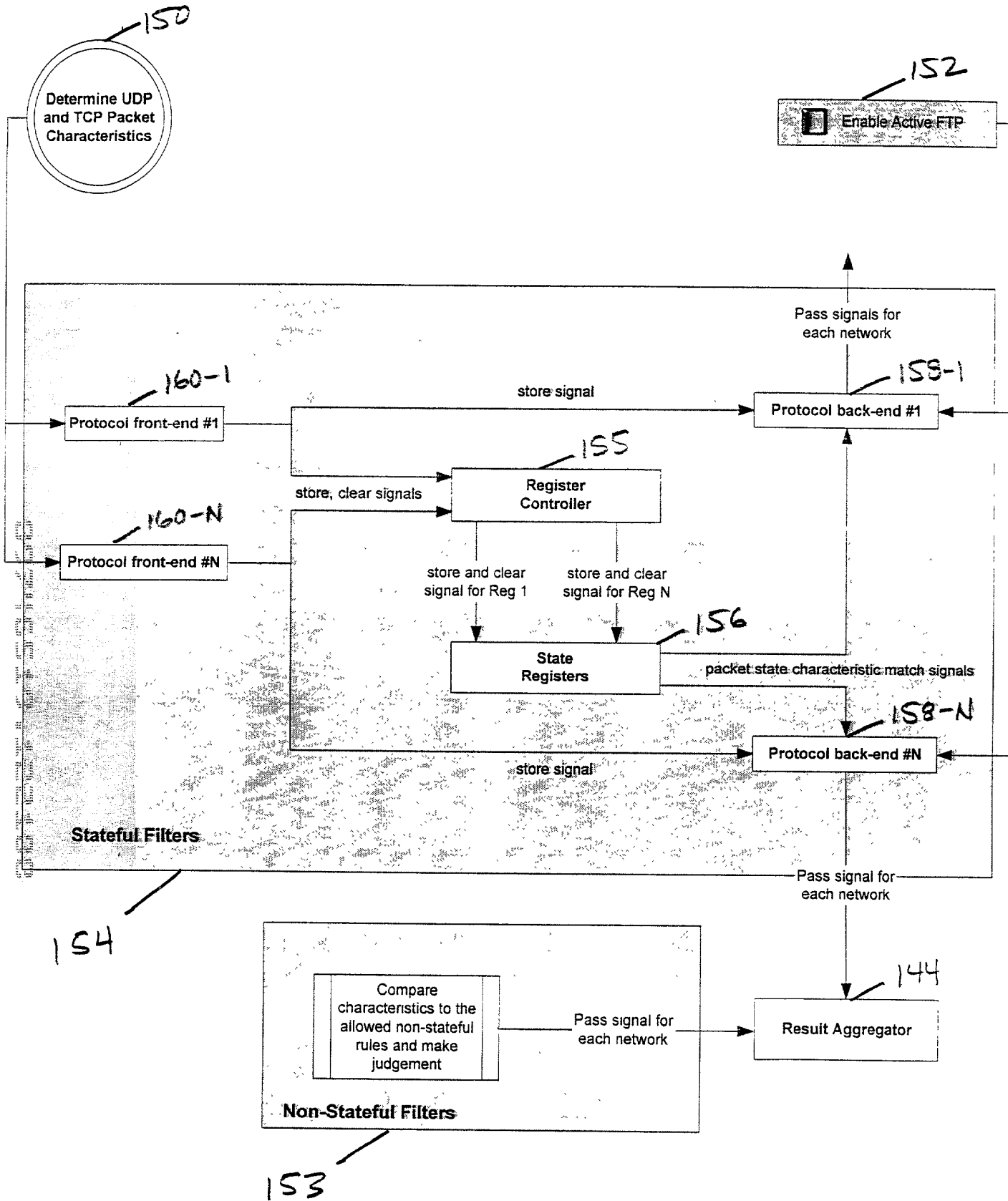


FIG. 8

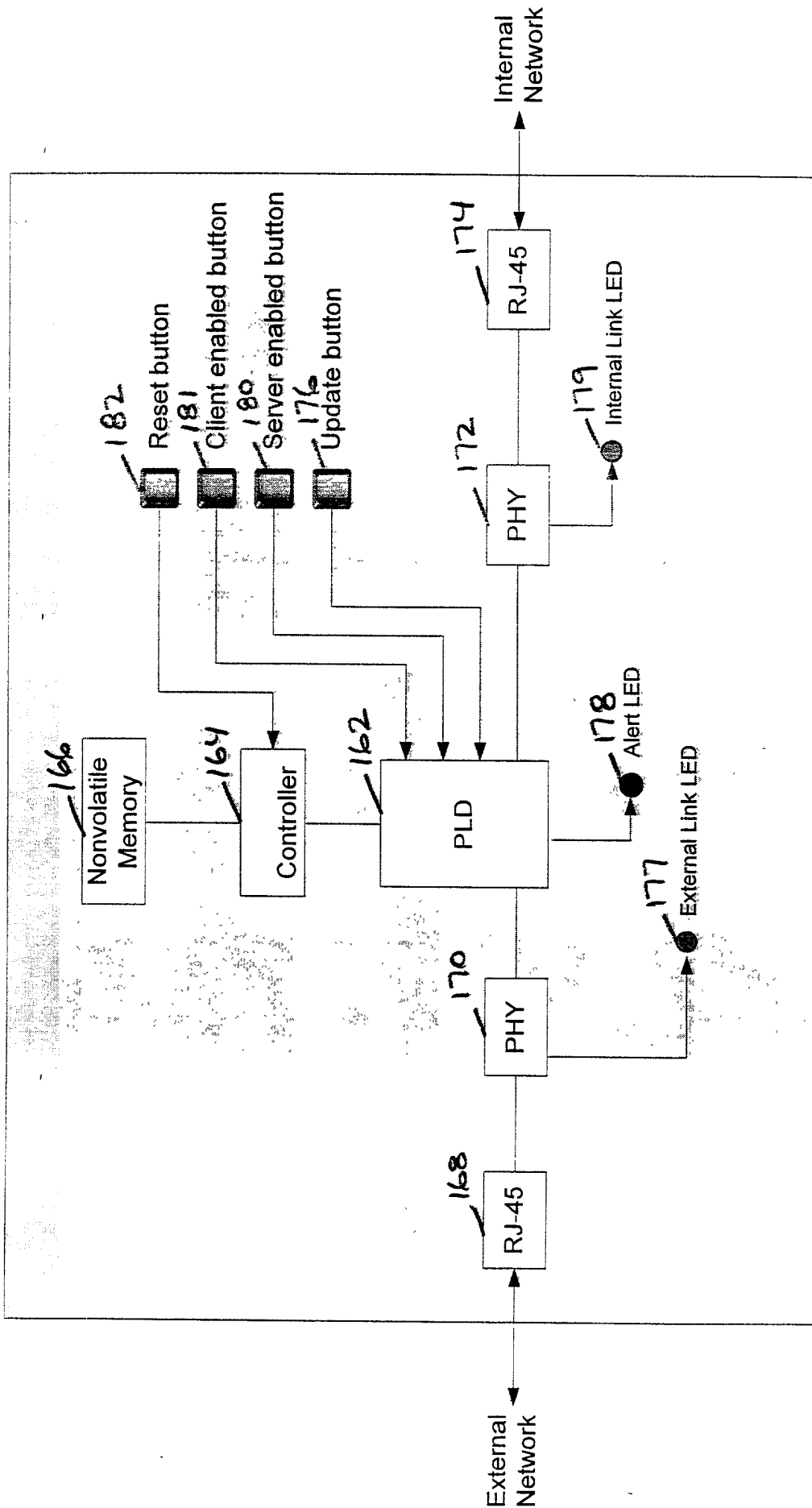


FIG. 9

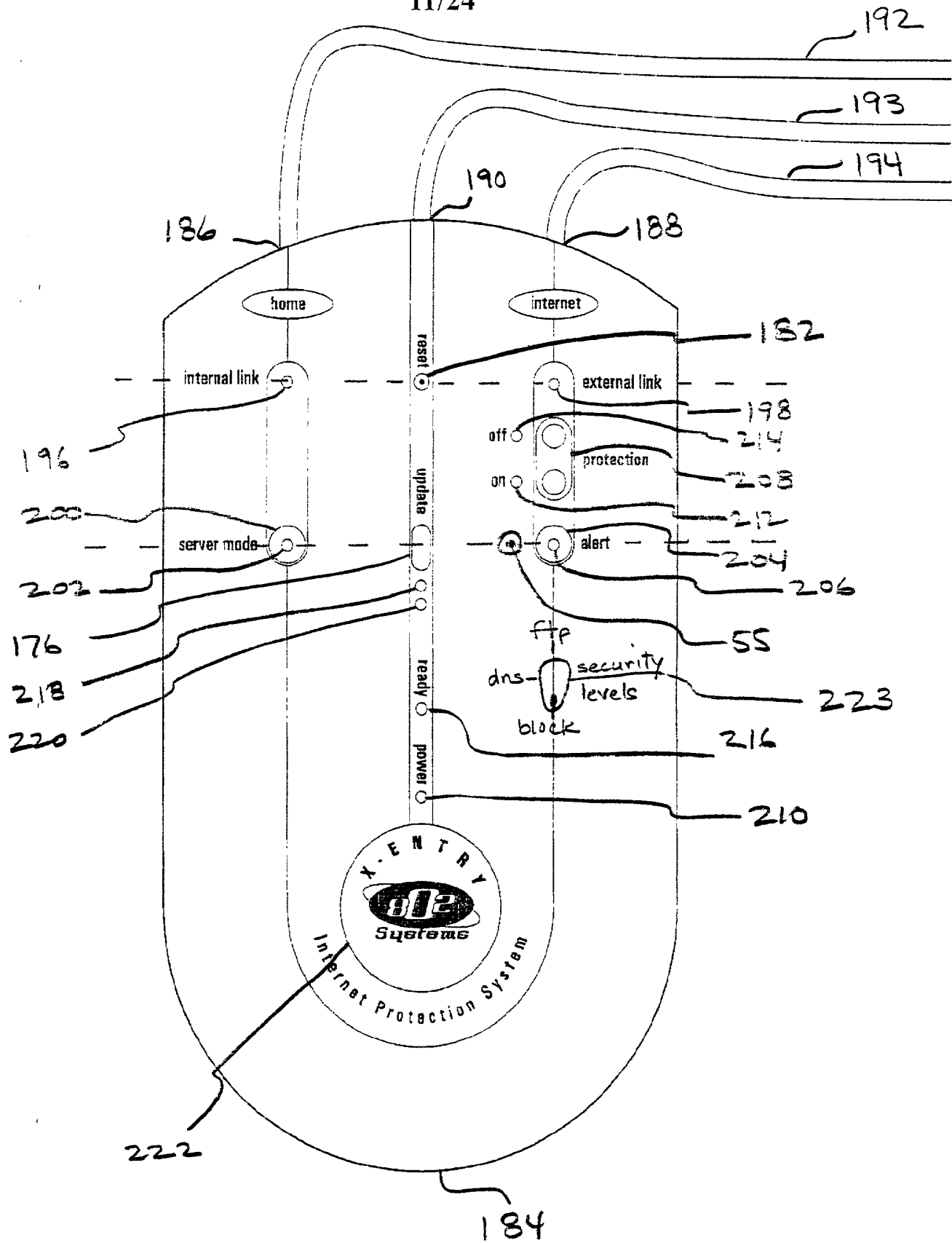


FIG.10

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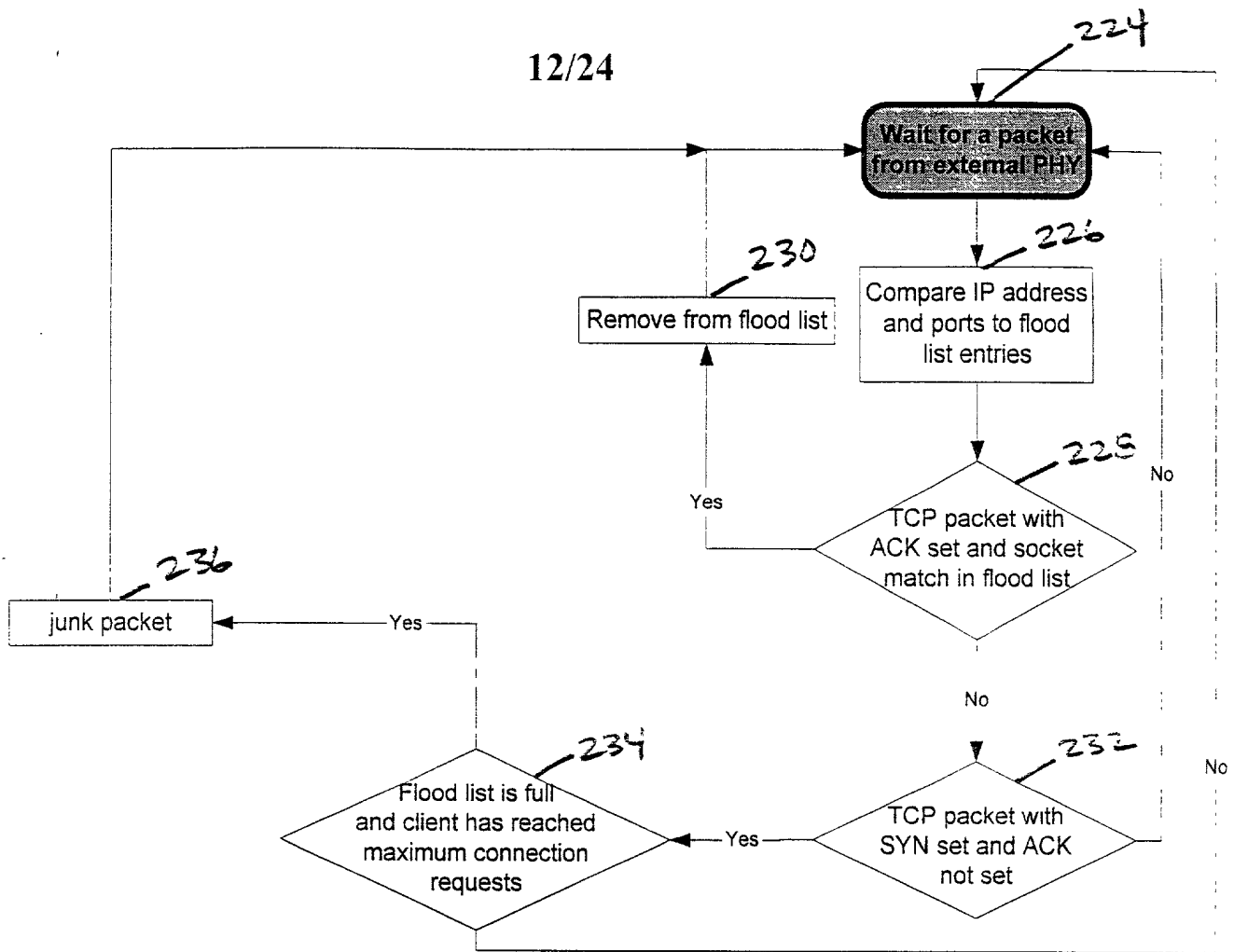


FIG. 11

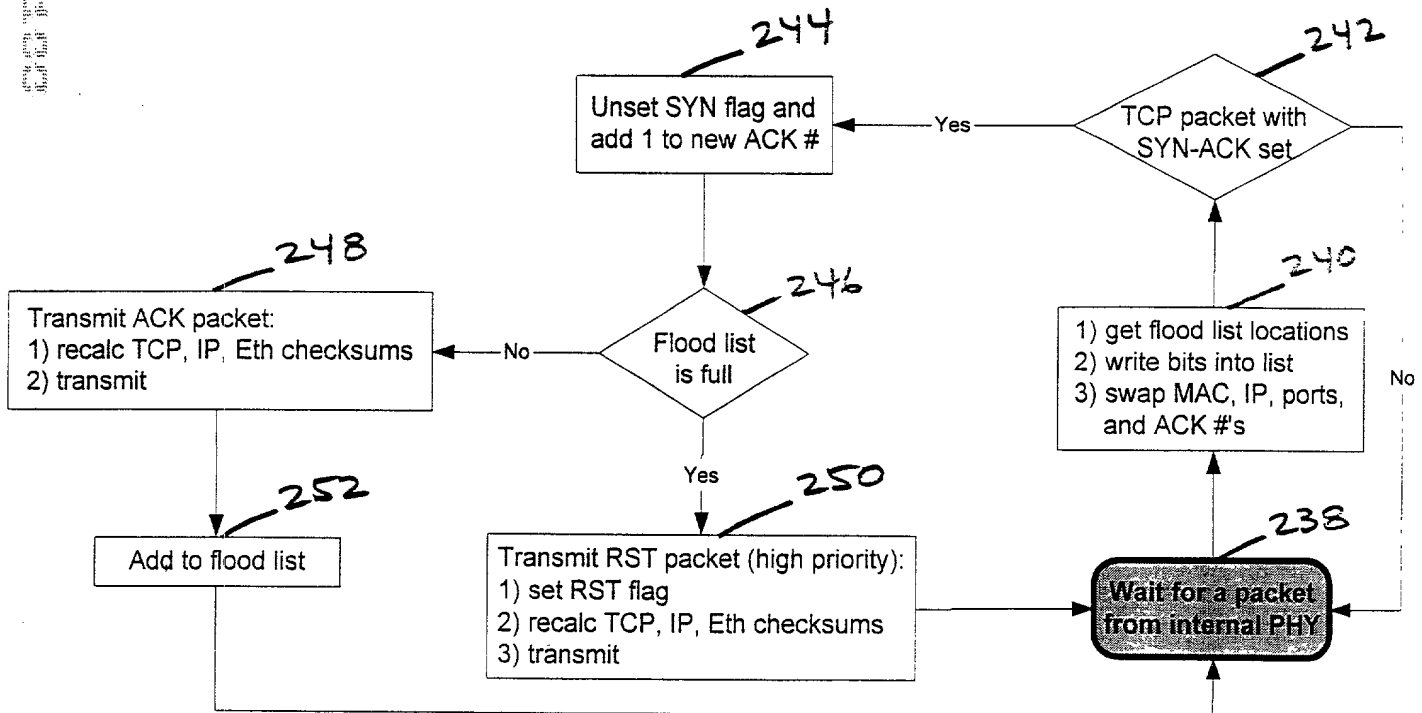


FIG. 12

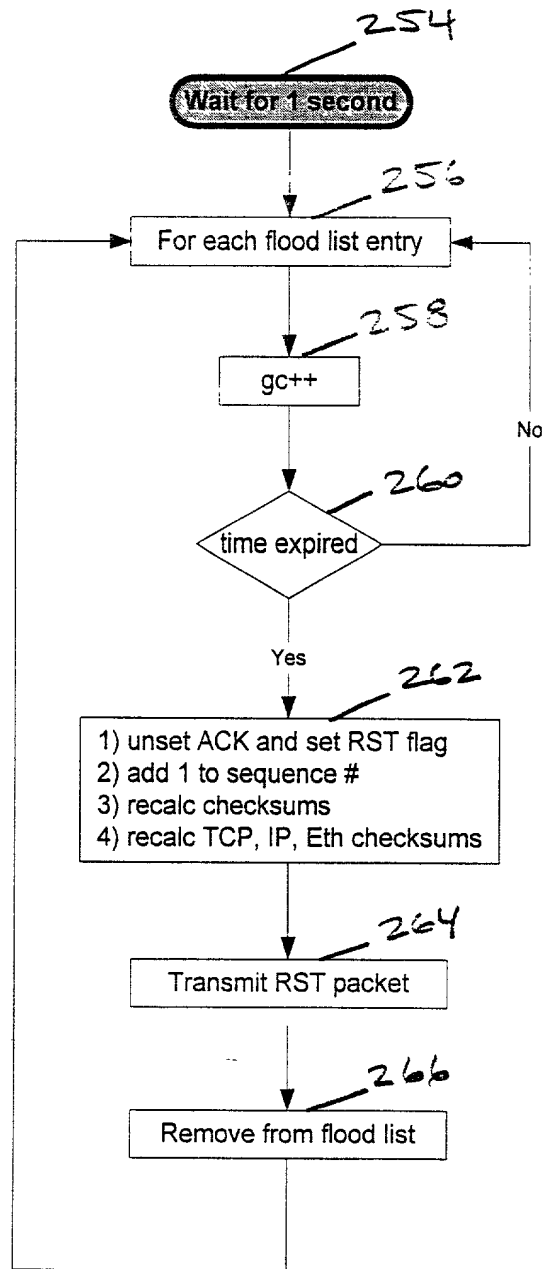


FIG. 13

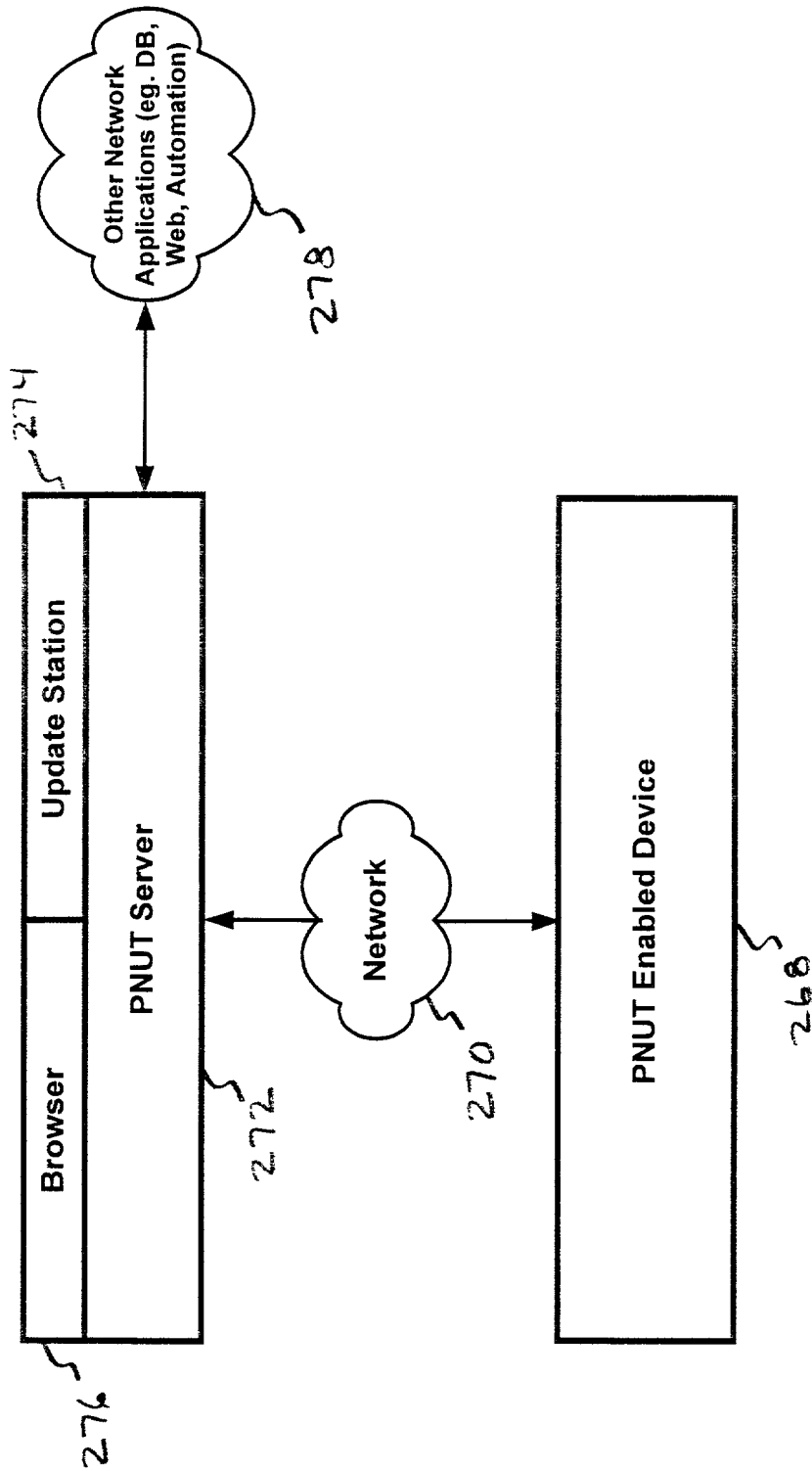


FIG. 14

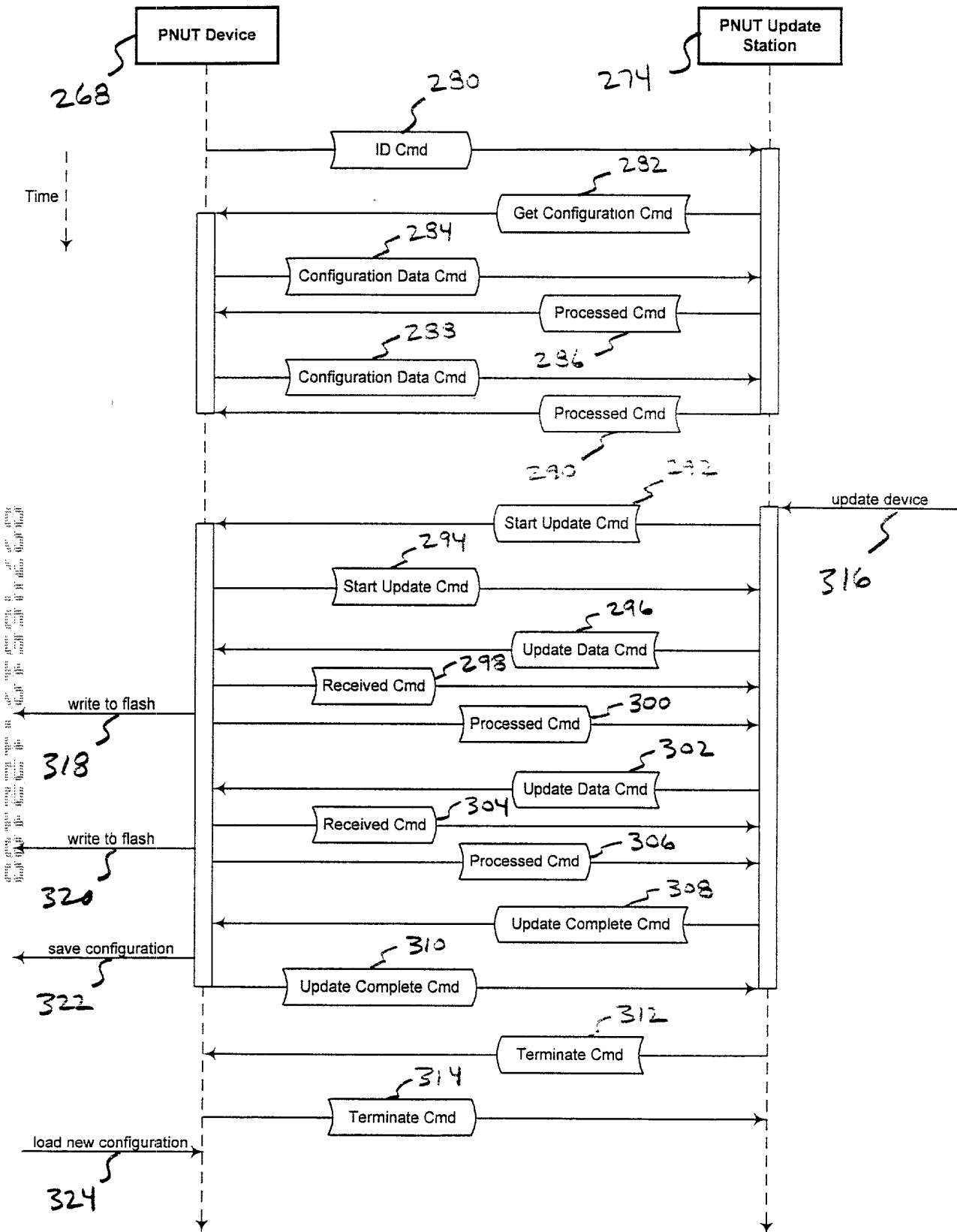


FIG. 15

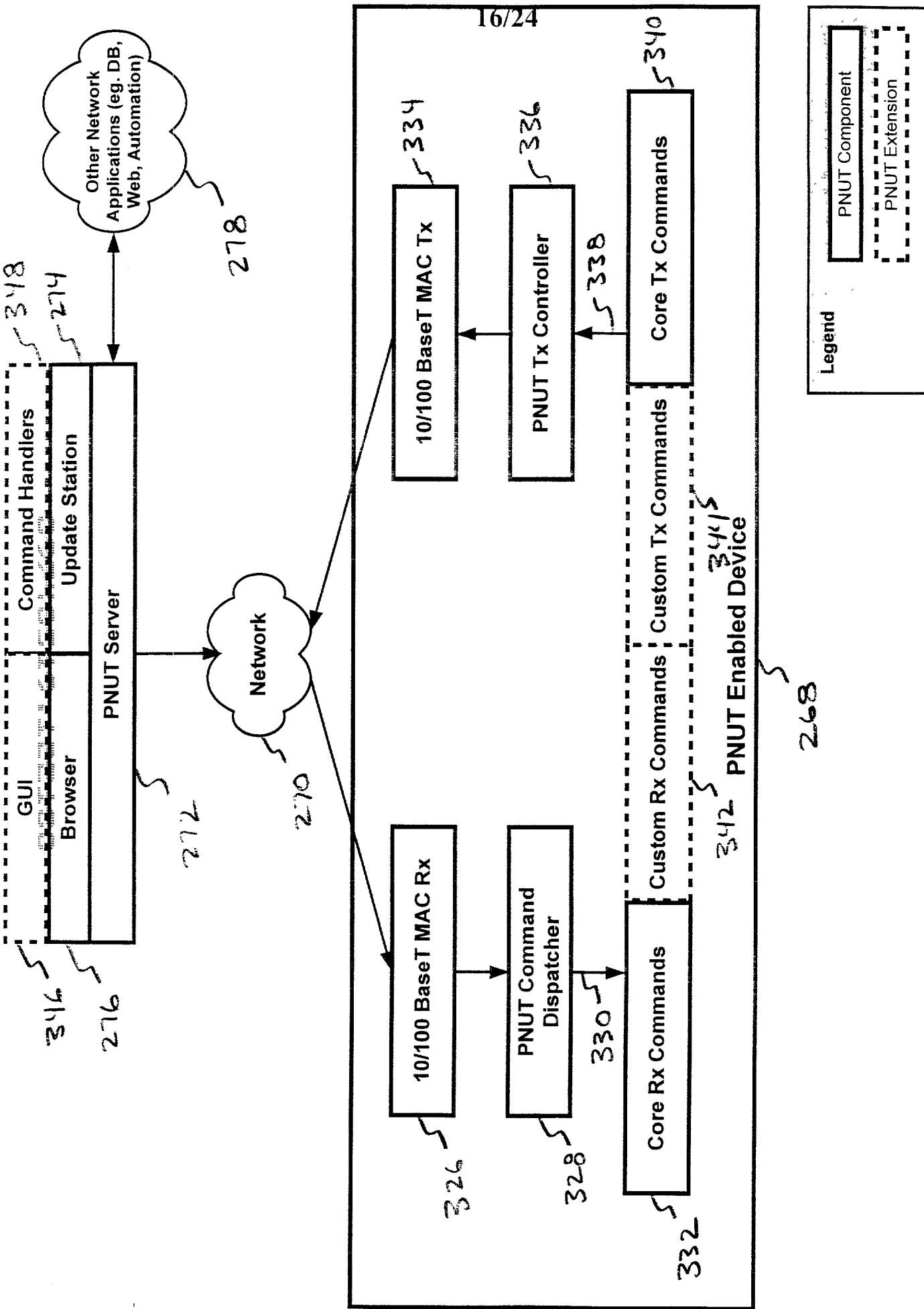


FIG. 16

FIG. 17 is a block diagram of a network device 17/24. The network device 17/24 includes a network 270, a PHY 350, a MAC Receiver 326, a MAC Transmitter 334, a Packet Parser 352, a Packet Generator 354, a Command Dispatcher 328, a Transmitter Controller 336, a Command Core 360, and a Custom Command Core 370. The network 270 is connected to the PHY 350. The PHY 350 is connected to the MAC Receiver 326 and the MAC Transmitter 334. The MAC Receiver 326 is connected to the Packet Parser 352. The Packet Parser 352 is connected to the Command Dispatcher 328. The Command Dispatcher 328 is connected to the Command Core 360. The Command Core 360 is connected to the Custom Command Core 370. The Custom Command Core 370 is connected to the Transmitter Controller 336. The Transmitter Controller 336 is connected to the Packet Generator 354. The Packet Generator 354 is connected to the MAC Transmitter 334. The Command Core 360 includes an ID Cmd, a Terminate Cmd, a Pkt Received Cmd, a Pkt Processed Cmd, an Error Cmd, a Get Configuration Cmd, and a Send Configuration Cmd. The Custom Command Core 370 includes a Start Update Cmd, an Update Data Cmd, a Cnx Update Cmd, and an Update Complete Cmd. A Controller Interface 382 is connected to the Command Core 360, the Custom Command Core 370, and the Transmitter Controller 336.

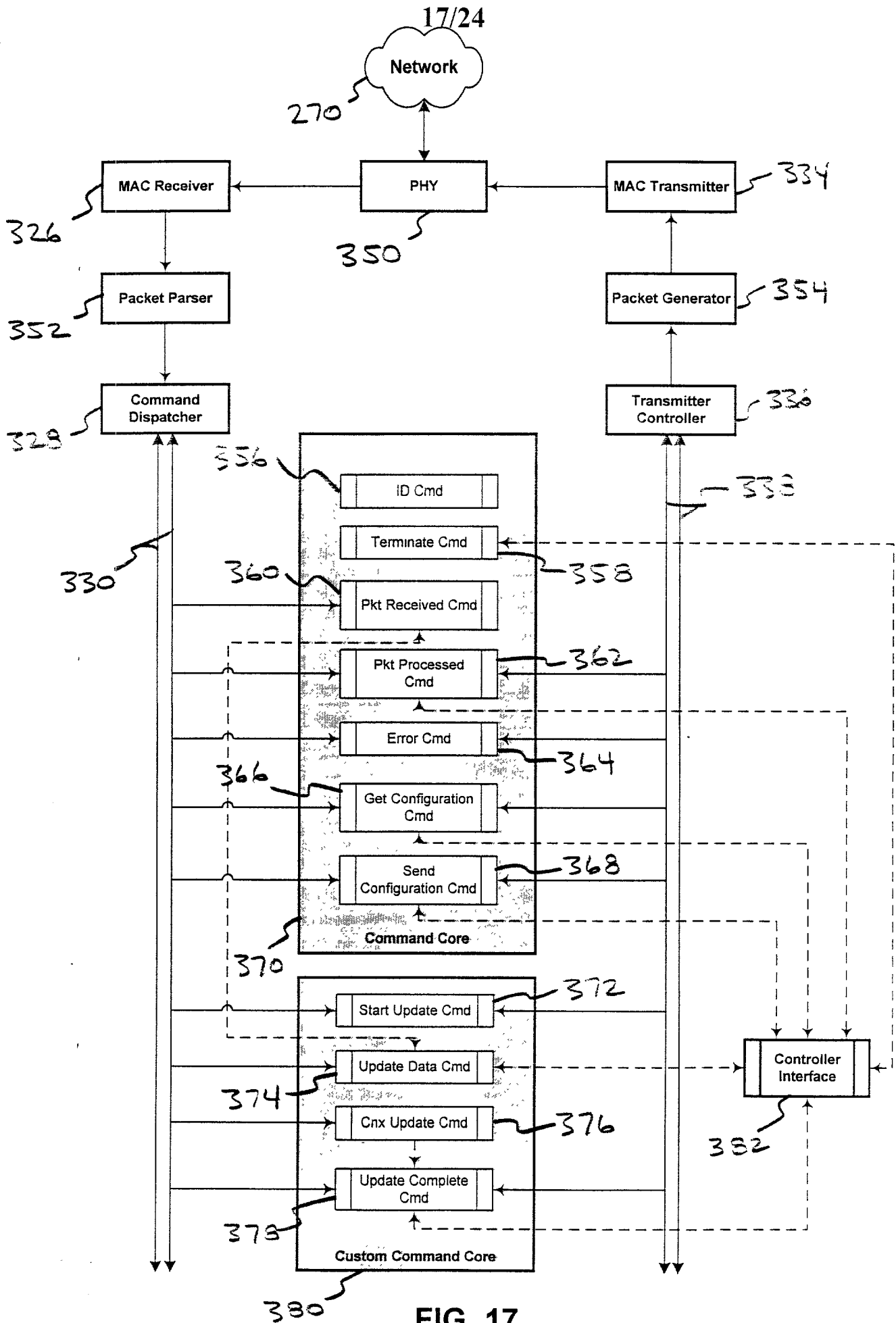


FIG. 17

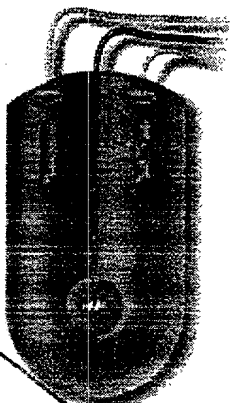
X-Entry Setup - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Stop

Bookmarks Location: file:///F:/firewall/xentry/PNUT/site/INDEX~1.HTM What's Related

Crusader CAM Administrator



X-Entry Setup

- 1 Choose X-Entry security options
- 2 Generate X-Entry configuration
- 3 Place X-Entry into update mode
- 4 Upgrade X-Entry using new configuration
- 5 Have fun on the Internet

<p><u>Special Client Services/Protocols</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> DHCP <input type="checkbox"/> DNS <input type="checkbox"/> FTP (active mode) <input type="checkbox"/> Native support for streaming media <input type="checkbox"/> IRC (Internet Relay Chat) <input type="checkbox"/> NetBUEI <input type="checkbox"/> IPX/SPX <p><u>Additional Services</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> SYN Flood Protection <input type="checkbox"/> Denial-of-Service Protection <input type="checkbox"/> Spoof Protection <input type="checkbox"/> Logging 	<p><u>Servers Accessible from Internet</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Web Server <input type="checkbox"/> FTP (File Transfer Protocol) <input type="checkbox"/> SSH (Secure Shell) <input type="checkbox"/> Mail Server <input type="checkbox"/> Telnet <input type="checkbox"/> Games (Popular tiles) <input type="checkbox"/> Gnutella (P-to-P File sharing)
--	--

Submit

FIG. 18

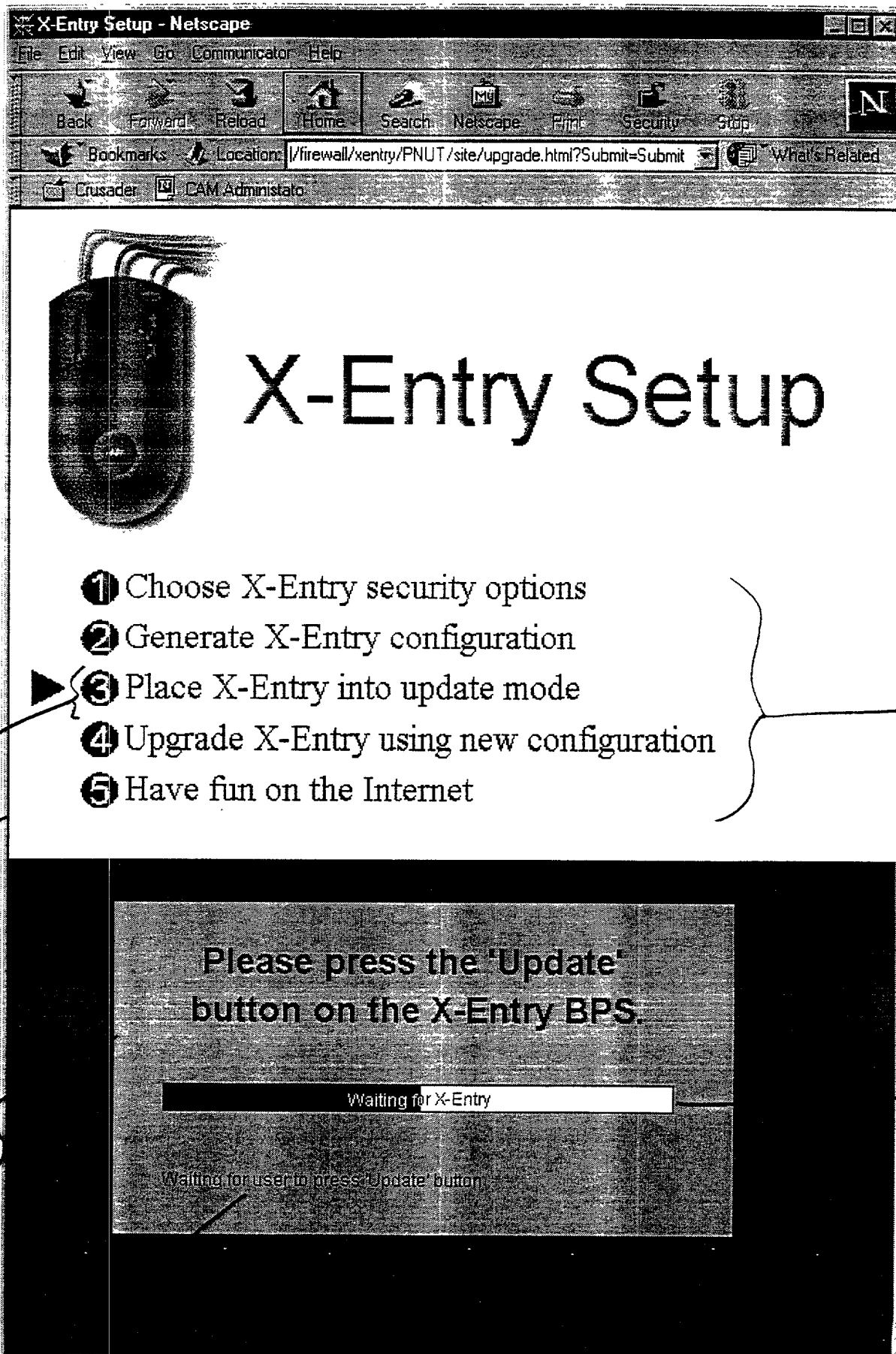


FIG. 19

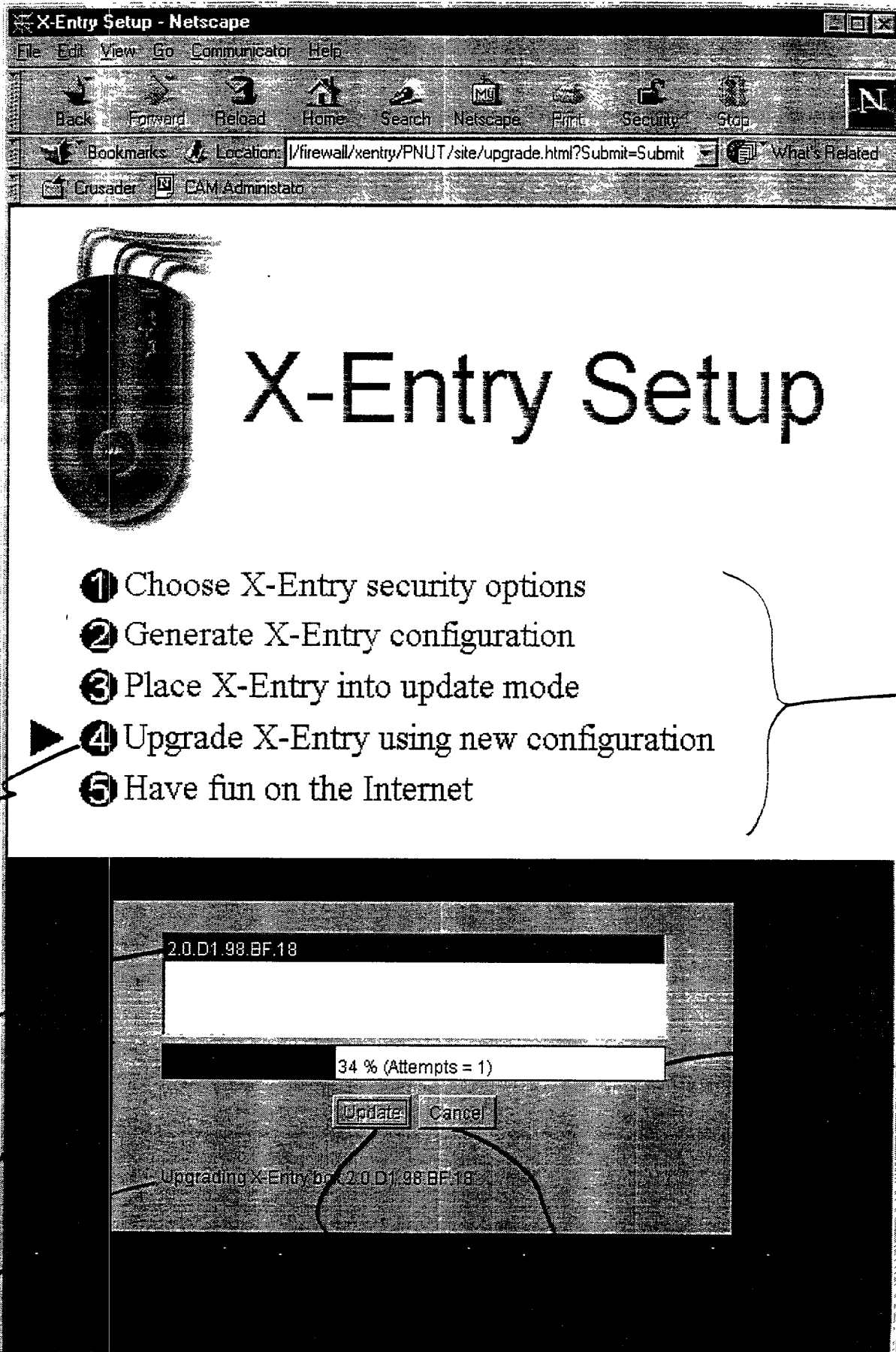


FIG. 20

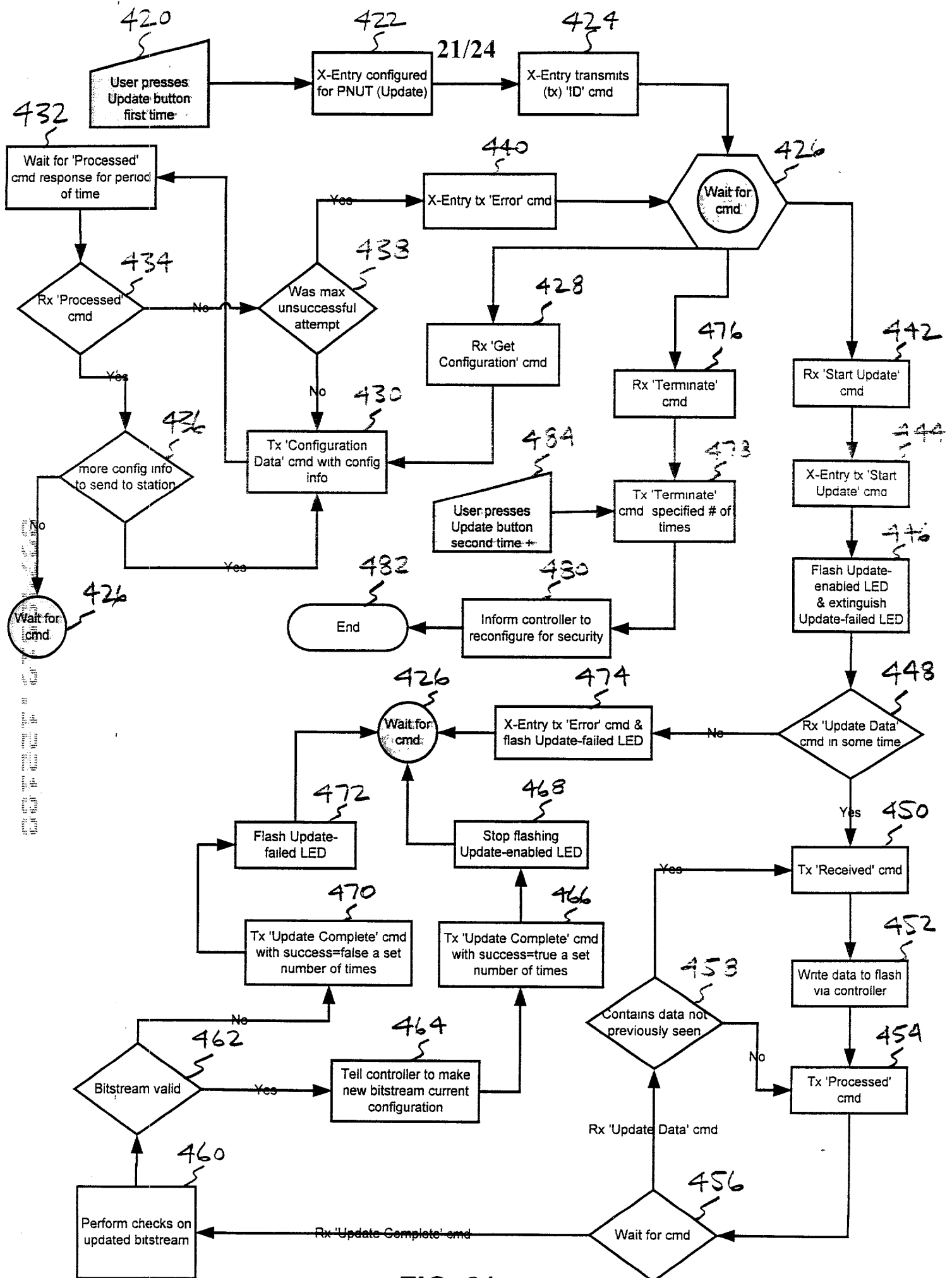


FIG. 21

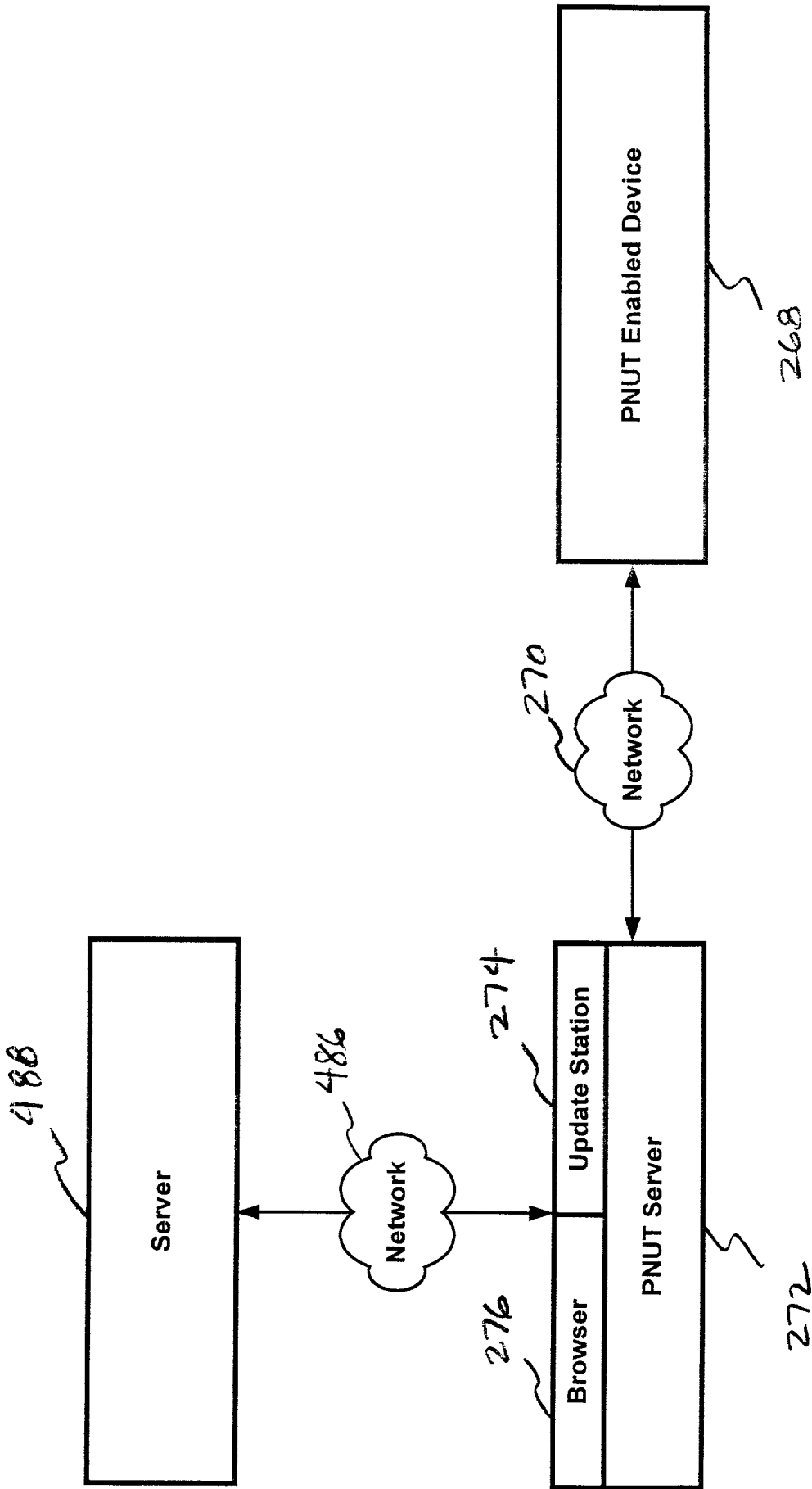


FIG. 22

```

<?xml version="1.0" encoding="UTF-8" ?>
- <formats>
494 - <msg id="128" name="UPDATE_START_CMD"> 498
    <desc>Start Pnut update</desc>
    <byte name="type" transient="true" />
496 <bytes name="checksum" size="2" />
    </msg>
- <msg id="129" name="UPDATE_MSG_CMD"> 504
    <desc>PNUT data update packet</desc>
    <bytes name="packet number" size="2" /> 506
    <bytes name="length" size="2" transient="true" />
    <bytes name="data" min_size="1" max_size="500" transient="true"
502 max_print="0" /> 508
    </msg>
- <msg id="130" name="UPDATE_LAST_MSG_CMD">
    <desc>Last Pnut update packet</desc>
    <bytes name="packet number" size="2" transient="true" />
512 <pad size="8" /> 510
    </msg>
- <msg id="132" name="UPDATE_CNX_CMD">
    <desc>Cancel Pnut update</desc>
    <pad size="24" />
    </msg>
- <msg id="136" name="UPDATE_COMP_CMD"> 513
    <desc>PNUT update complete</desc>
    <bytes name="status" size="1" transient="true">
514 <status success="0">
    <desc val="0">Successful</desc> 516
    <desc val="1">Bad packet checksum</desc>
    <desc val="2">Flash write failure</desc>
    <desc val="3">Update cancelled</desc> 522
    </status>
    </bytes>
    <pad size="16" /> 520
    </msg>
</formats>

```

FIG. 23

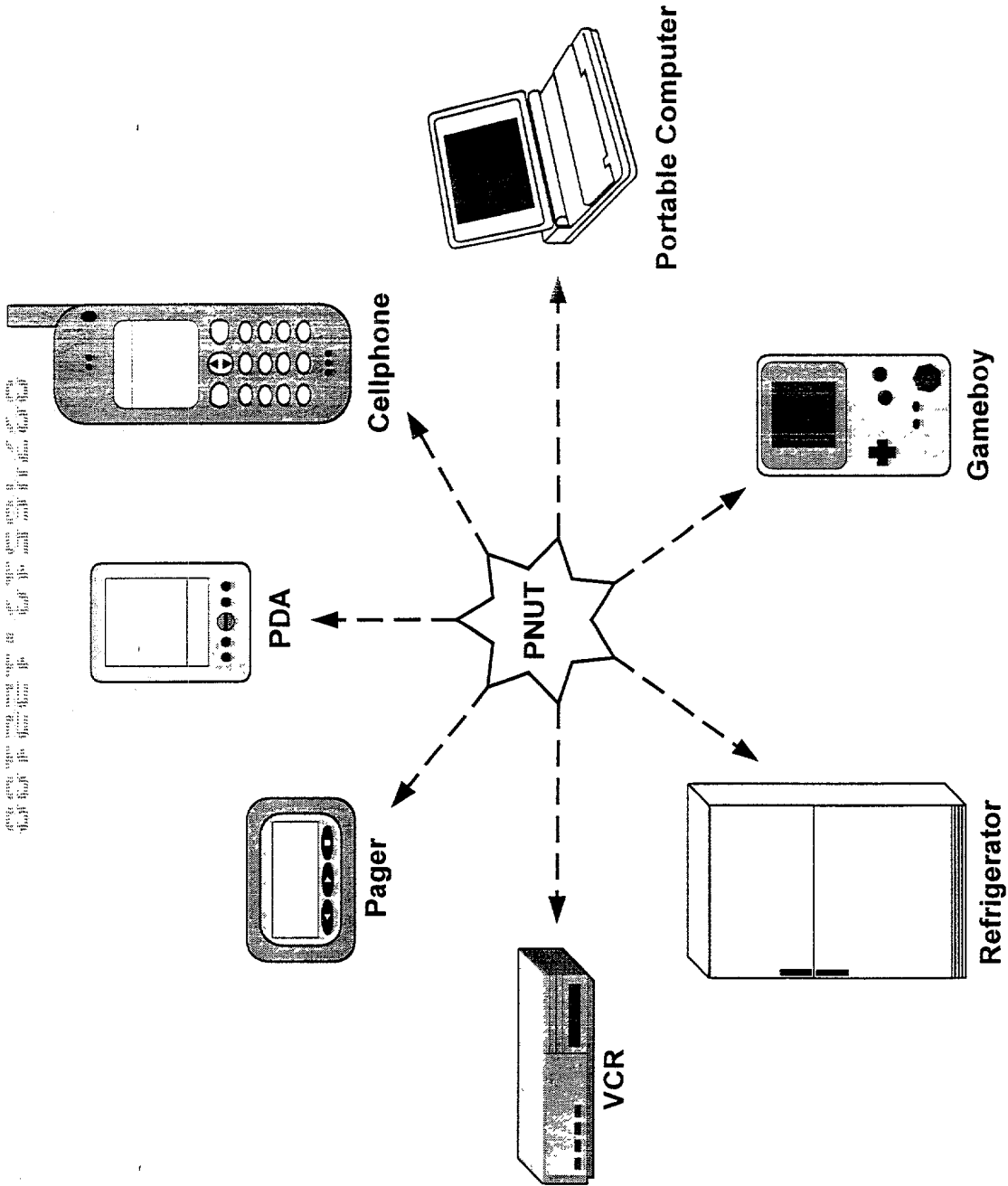


FIG. 24